SBI3U **4 Major Groups of Plants - Questions**

**Bryophytes: The Mosses**

1. What are 3 examples of bryophytes?
2. What are 3 physical characteristics of bryophytes?
3. In what type of environment do they live?
4. Describe the life cycle of bryophytes.
   1. What do the sporophytes produce?
   2. What do the gametophytes produce?

**Lycophytes & Pterophytes: The Ferns**

1. What distinguishes the ferns from the mosses?
2. What is 1 example of a lycophyte & 1 example of a pteridophyte?
3. What is lignin and how is it important in ferns?
4. Describe the life cycle of the ferns.
   1. What do the sporophytes produce?
   2. What do the gametophytes produce?
5. What type of symbiotic relationships do many ferns have?

**Gymnosperms**

1. What distinguishes the gymnosperms & angiosperms from the mosses & ferns?
2. Describe sexual reproduction in gymnosperms.
   1. What is the role of pollen, ovules, seeds?
   2. What are the 2 types of cones and what do each produce?
3. What are characteristics of the stems, leaves, and roots?
4. What are 3 examples of gymnosperms?
5. What are some benefits of gymnosperms & why are their populations at risk?

**Angiosperms**

1. What distinguishes the angiosperms from the gymnosperms?
2. Describe sexual reproduction in angiosperms.
   1. What is the role of pollen, ovules, flowers, seeds, fruit?
   2. What are the 2 types of seeds and how are they different?
   3. What are 2 methods of pollination in angiosperms?
3. Give 2 examples each of monocots and eudicots.

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Arian A

Konstantinos B

James B

Amy C

Jay C

Audrey C

Pearl D

Vincent D

Ivan E

Alireza F

Hector G-S

Gunleen G

Souroush G

Kemeisha G

Mehrad H

Sam J

Sandjar K

Inderjot K

Ravish K

Grace K

Stephen L

Mahal M

Zabi MH

Parsa N

Alex S

Jay S

Alborz SF

Susan S

Paul V

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